

KYNOS SGO

Gear Oils

KYNOS LUBRICATION PRIVATE LIMITED

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KYNOS SGO, Synthetic Gear and Bearing Fluids

KYNOS SGO gear oils are range of lubricants particularly suited to gear applications operating under extreme conditions. These products are formulated with PAO synthetic base stocks in order to provide performance superior to conventional mineral oils.

Furthermore, its series are fully compatible with mineral products and guarantee a smooth change over. The product provides significantly improved load carrying ability, excellent wear and rust protection, high viscosity index, high flash point, low pour point, outstanding oxidative stability and cleaner systems.

Applications

- KYNOS SGO is a long-life synthetic oils range intended for the Gear lubrication and applications operating in extreme service conditions and applications where extreme temperatures (both high & low) occur.
- They are ideal for gearboxes in heavy equipment across steel, cement, coal, power, petrochemical, and paper industries AGMA EP 9005-EO2(EP)
- Also suitable for marine, mining, and construction machinery like propellers, winches, cranes, excavators, and self-dumping trucks David Brown S1.53.101 and Flender Gear boxes – Revision 9

Standards

- Din 51517 Part III (2014)
- ISO 12925-1 Type CKC/CKD
- AGMA EP 9005-EO2(EP)
- AISE (US Steel): 224
- David Brown S1.53.101 and Flender Gear boxes – Revision 9

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Typical Performance Data

Properties	Test Method	KYNOS SGO				
		150	220	320	460	680
Viscosity Index	ASTM D-2270	>140	>140	>140	>140	>140
Viscosity @ 40 °C, mm ² /s	ASTM D-445	150	220	320	460	680
Flash Point, °C Minimum	ASTM D-92	> 260	> 260	> 260	> 260	> 260
Pour Point, °C Max	ASTM D-97	< -44	< -38	< -34	< -26	< -26
FZG Value	ASTM D- 5182	>12	>12	>12	>12	>12
Copper corrosion 3 Hours at 121 °C	ASTM D- 130	1b	1b	1b	1b	1b
4-Ball Weld Load, kg	ASTM D-2783	≥ 260	≥ 260	≥ 260	≥ 260	≥ 260
Rust Protection, Sea Water	ASTM D-665	Pass	Pass	Pass	Pass	Pass

*All performance data on this Technical Data Sheet are indicative only and may vary during production.